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Date: April 23, 2007 **Number of pages** (including cover): 17

To: Examiner Halssa Philogene, U.S. Patent and Trademark Office

Fax No.: (571) 273-8300

Serial No.: 09/989,677

Title: INFORMATION SYSTEMS

From: Joseph Teja, Jr.

Direct dial: 617.646.8249

Our File #: C1104.70095U500

CERTIFICATE OF FACSIMILE TRANSMISSION 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being transmitted via facsimile to the attention of Examiner Halssa Philogene, FAX number (571) 273-8300, at the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, in accordance with 37 C.F.R. §1.6(d), on the 23rd day of April, 2007.



Jeanne W. Chub

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4/15/02 Information Disclosure Statement
3/14/03 Information Disclosure Statement

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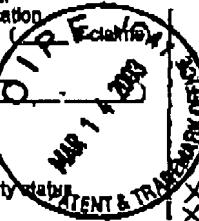
COPY

Serial No. 09/989,677 File No. 0070470095 By: RJP/JT
 Title: INFORMATION SYSTEMS
 Application of KEVIN DOWLING, ET AL. WGS Date: NDD

The U.S. PTO Mail Room acknowledges receipt of the following on the date stamped herein:

<input type="checkbox"/> Mailing by Express Mail (37 CFR 1.10) Express Mail Label No. _____	<input checked="" type="checkbox"/> Provisional Application Cover Sheet Multiple Dependent Claim Fee Sheet Inf. Disc. Statement, PTO Form 1449
<input type="checkbox"/> Patent Application	<input checked="" type="checkbox"/> Inf. Disc. Statement, PTO Form 1449
<input type="checkbox"/> Non-provisional <input checked="" type="checkbox"/> Provisional Incl. _____ pages, (_____ pg(s) Specification (_____ pg(s) Abstract, (_____ pg(s) Claims (_____ Pg(s) Declatn(s)	<input checked="" type="checkbox"/> References Cited Priority Document(s) # _____
<input type="checkbox"/> Design Patent Application	<input checked="" type="checkbox"/> Copy of Notice to File Missing Parts
<input type="checkbox"/> Declaration(s)	<input checked="" type="checkbox"/> Amendment/Response
<input type="checkbox"/> Drawings _____ Sheet(s) (FIGS. _____)	<input checked="" type="checkbox"/> Petition for Ext. of Time (x2)
<input type="checkbox"/> Formal <input checked="" type="checkbox"/> Informal	<input checked="" type="checkbox"/> Issue Fee Transmittal
<input type="checkbox"/> Utility Patent Application Transmittal	<input checked="" type="checkbox"/> Letter to Official Drafsperson
<input type="checkbox"/> Fee calculation sheet (x2)	<input checked="" type="checkbox"/> Notice of Appeal
<input type="checkbox"/> CPA Transmittal	<input checked="" type="checkbox"/> Brief (x3)
<input type="checkbox"/> Verified Statement claiming small entity status	<input checked="" type="checkbox"/> Check for \$ _____ Check # _____
<input type="checkbox"/> Assignment and Cover Sheet	<input checked="" type="checkbox"/> Transmittal Letter (x2)
<input type="checkbox"/> Other _____	<input checked="" type="checkbox"/> Cert. of Mailing under 37 CFR 1.8(a)

DATE MAILED 3-6-2003



- APR 23 2007

ATTORNEY'S DOCKET NO: C01104/70095

RJP/JT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kevin Dowling, Frederick Morgan, Brian Chemel,
Adriana Mincheva, and Ihor A. Lys

Serial No: 09/989,677

Confirm No.: 9718

Filed: November 20, 2001

For: INFORMATION SYSTEMS

Examiner: Unassigned

Art Unit: 2857

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, on March 6, 2003.

Jasmine Michalski
Jasmine Michalski

Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL LETTER

Sir:

Transmitted herewith for filing are the following documents:

STATEMENT FILED PURSUANT TO THE DUTY OF
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98
PTO FORM 1449 AND REFERENCES CITED

RETURN POST CARD

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch are respectfully requested to contact the undersigned collect at (617)720-3500, Boston, Massachusetts.

No check is enclosed. If a fee is needed, it may be charged to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,

Kevin Dowling, et al., Applicants

By: Joseph Teja, Jr.
Joseph Teja, Jr., Reg. No. 45,157
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, MA 02210
Telephone (617) 720-3500

Docket No. C01104/70095

Dated: March 10, 2003

X (NDD)

APR 23 2007

ATTORNEY'S DOCKET NO: C01104/70095

RJP/JT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kevin Dowling, Frederick Morgan, Brian Chemel,
Adriana Mincheva, and Ihor A. Lys

Serial No: 09/989,677

Confirm No.: 9718

Filed: November 20, 2001

For: INFORMATION SYSTEMS

Examiner: Unassigned

Art Unit: 2857

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Jakine Michalski
Jakine Michalski

Commissioner for Patents
Washington, D.C. 20231

Sir:

STATEMENT FILED PURSUANT TO THE DUTY OF
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed before the mailing date of a first Office Action on the merits in the above-identified case. No fee or certification is required.

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

685739.1

PAGE 4/17 * RCVD AT 4/23/2007 11:19:18 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-3/20 * DNI:2738300 * CSID: * DURATION (mm:ss):05-08

Serial No. 09/989,677

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Art Unit: 2857

PART III: Remarks

Documents cited on the attached form PTO-1449 (modified) are enclosed unless otherwise indicated on the attached form PTO-1449 (modified). It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

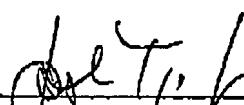
By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,

Kevin Dowling, et al., Applicants

By: 

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Boston, MA 02210
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Attorneys for Applicants

Docket No. C01104/70095
Dated: March 16, 2003

685739.1

PAGE 5/17 * RCVD AT 4/23/2007 11:19:18 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-3/20 * DNI:2738300 * CSID: * DURATION (mm:ss):05-08

FORM PTO-1449/A and B (Modified)

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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APPLICATION NO.: 09/989,677

ATTY. DOCKET NO.: C01104/70095

FILING DATE: November 20, 2001

APPLICANT: Kevin Dowling, et al.

GROUP ART UNIT: 2857

EXAMINER: Unassigned

U.S. PATENT DOCUMENTS

Examiner's Initials#	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of Issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
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STATEMENT BY APPLICANT

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APPLICATION NO.:	09/989,677	ATTY. DOCKET NO.:	C01104/70095
FILING DATE:	November 20, 2001		
APPLICANT:	Kevin Dowling, et al.		
GROUP ART UNIT:	2857	EXAMINER:	Unassigned

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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APPLICATION NO.: 09/989,677

ATTY. DOCKET NO.: C01104/70095

FILING DATE: November 20, 2001

APPLICANT: Kevin Dowling, et al.

GROUP ART UNIT: 2857

EXAMINER: Unassigned

		* 5,010,459	Taylor, et al.	04/23/1991
		* 5,027,262	Freed	06/25/1991
		* 5,034,807	Von Kohorn	07/23/1991
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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APPLICATION NO.: 09/989,677

ATTY. DOCKET NO.: C01104/70095

FILING DATE: November 20, 2001

APPLICANT: Kevin Dowling, et al.

GROUP ART UNIT: 2857

EXAMINER: Unassigned

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	* 5,412,284	Moore, et al.	05/02/1995
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FORM PTO-1449/A and B (Modified)		APPLICATION NO.: 09/989,677	ATTY. DOCKET NO.: C01104/70095
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE: November 20, 2001	
		APPLICANT: Kevin Dowling, et al.	
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		B1	Havel	10/30/2001

FORM PTO-1449/A and B (Modified)

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STATEMENT BY APPLICANT

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APPLICATION NO.: 09/989,677

ATTY. DOCKET NO.: C01104/70095

FILING DATE: November 20, 2001

APPLICANT: Kevin Dowling, et al.

GROUP ART UNIT: 2857

EXAMINER: Unassigned

	6,321,177	B1	Ferrero, et al.	11/20/2001
	* 6,323,832	B1	Nishizawa, et al.	11/27/2001
	* 6,340,868	B1	Lys, et al.	01/22/2002
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FOREIGN PATENT DOCUMENTS

Examiner's Initials#	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			
			* AU 6 267 9			12/30/1996	
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			* WO 02/061328	A1		08/08/2002	

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials#	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		* "LM117/LM317A/LM317 3-Terminal Adjustable Regulator", National Semiconductor Corporation, May 1997, pp. 1-20	

FORM PTO-1449/A and B (Modified)				APPLICATION NO.: 09/989,677	ATTY. DOCKET NO.: C01104/70095
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				FILING DATE: November 20, 2001	
				APPLICANT: Kevin Dowling, et al.	
Sheet	7	of	7	GROUP ART UNIT: 2857	EXAMINER: Unassigned

		* "DS96177 RS-485 / RS-422 Differential Bus Repeater", National Semiconductor Corporation, February 1996, pp. 1-8		
		* "DS2003 / DA9667 / DS2004 High Current / Voltage Darlington Drivers", National Semiconductor Corporation, December 1995, pp. 1-8		
		* "LM140A / LM140 / LM340A / LM7800C Series 3 – Terminal Positive Regulators", National Semiconductor Corporation, January 1995, pp. 1-14		
		* High End Systems, Inc., Trackspot User Manual, August 1997, Excerpts (Cover, Title page, pp. ii through iii and 2-13 through 2-14)		
		* Artistic License, AL4000 DMX512 Processors, Revision 3.4, June 2000, Excerpts (Cover, pp. 7,92 through 102)		
		* Artistic License, Miscellaneous Drawings (3 sheets) January 12, 1995		
		* Artistic License, Miscellaneous Documents (2 sheets February 1995 and April 1996)		
		* Newnes's Dictionary of Electronics, Fourth Edition, S.W. Amos, et al., Preface to First Edition, pp. 278-279		
		* "http://www.luminus.cx/projects/chaser", (November 13, 2000), pp. 1-16		

EXAMINER	DATE CONSIDERED
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#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

* a copy of this reference is not provided as it was previously cited by or submitted to the office in prior applications:

Serial No. 09/669,121, filed September 25, 2000;
 Serial No. 09/425,770, filed October 22, 1999;
 Serial No. 08/920,156, filed August 26, 1997;
 Serial No. 09/213,540, filed December 17, 1998;
 Serial No. 09/213,581, filed December 17, 1998;
 Serial No. 09/213,548, filed December 17, 1998;
 Serial No. 09/815,418, filed March 22, 2001;
 Serial No. 09/213,607, filed December 17, 1998;

Serial No. 09/215,624, filed December 17, 1998;
 Serial No. 09/333,739, filed June 15, 1999;
 Serial No. 09/742,017, filed December 20, 2000;
 Serial No. 09/213,659, filed December 17, 1998;
 Serial No. 09/213,189, filed December 17, 1998;
 Serial No. 09/626,905, filed July 27, 2000;
 Serial No. 09/213,537, filed December 17, 1998;

which are relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]

COPY

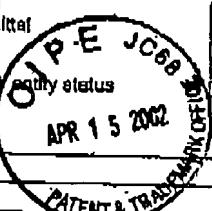
Serial No. 09/989,677 File No. C01104/70095 By: RFG/JT
 Title: INFORMATION SYSTEMS

Application of KEVIN DOWLING, ET AL. WGS Data: NDD

The U.S. PTO Mail Room acknowledges receipt of the following on the date stamped hereon:

<input type="checkbox"/> Mailing by Express Mail (37 CFR 1.10) Express Mail Label No. _____	<input type="checkbox"/> Provisional Application Cover Sheet
<input type="checkbox"/> Patent Application [<input type="checkbox"/> Non-provisional] <input type="checkbox"/> Provisional Incl. _____ pages, (_____ pgs) Specification, (_____ page) Abstract, (_____ pgs) Claims (_____ # claims)	<input type="checkbox"/> Multiple Dependent Claim Fee Sheet
<input type="checkbox"/> Design Patent Application Declaration(s) Drawings _____ Sheet(s) (FIGS. _____) [<input type="checkbox"/> Formal] <input type="checkbox"/> Informal	<input type="checkbox"/> Inf. Disc. Statement, PTO Form 1449
<input type="checkbox"/> Utility Patent Application Transmittal Fee calculation sheet (x2)	<input checked="" type="checkbox"/> References Cited
<input type="checkbox"/> CPA Transmittal Verified Statement claiming small entity status	<input type="checkbox"/> Priority Document(s) # _____
<input type="checkbox"/> Assignment and Cover Sheet	<input type="checkbox"/> Copy of Notice to File Missing Parts
<input type="checkbox"/> Other _____	<input type="checkbox"/> Amendment/Response
	<input type="checkbox"/> Petition for Ext. of Time (x2)
	<input type="checkbox"/> Issue Fee Transmittal
	<input type="checkbox"/> Letter to Official Draftsperson
	<input type="checkbox"/> Notice of Appeal
	<input type="checkbox"/> Brief (x3)
	<input type="checkbox"/> Check for \$ _____ Check # _____
	<input checked="" type="checkbox"/> Transmittal Letter (x2)
	<input type="checkbox"/> Cert. of Mailing under 37 CFR 1.8(a)

DATE MAILED 7-11-2002



ATTORNEY'S DOCKET NO: C01104/70095

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kevin Dowling, et al.
 Serial No: 09/989,677
 Confirm. No: 9718
 Filed: November 20, 2001
 For: INFORMATION SYSTEMS
 Examiner: Not Yet Assigned
 Art Unit: 2857

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, on April 11, 2002.

Jenine Michalski
 Jenine Michalski

Commissioner for Patents
 Washington, D.C. 20231

TRANSMITTAL LETTER

Sir:

Transmitted herewith for filing are the following documents:

Information Disclosure Statement, PTO Form 1449 with References Cited
 Return Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (617)720-3500, Boston, Massachusetts.

No fee is required. If the fee is insufficient, the balance may be charged to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully Submitted,


 Joseph Teja, Jr., Reg. No. 45,157
 Wolf, Greenfield & Sacks, P.C.
 600 Atlantic Avenue
 Boston, MA 02210-2211
 (617) 720-3500

Docket No.: C01104/70095
 Date: April 11, 2002

607602.1

APR 23 2007

ATTORNEY'S DOCKET NO: C01104/70095

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kevin Dowling, et al.
 Serial No: 09/989,677
 Confirm. No: 9718
 Filed: November 20, 2001
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 Examiner: Not Yet Assigned
 Art Unit: 2857

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Jayne Michalski
 Jayne Michalski

Commissioner for Patents
 Washington, D.C. 20231

Sir:

STATEMENT FILED PURSUANT TO THE DUTY OF
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed before the mailing date of a first Office Action on the merits in the above-identified case. No fee or certification is required.

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

607589.1

Serial No.: 09/989,677

- 2 -

Art Unit: 2857

PART III: Remarks

Documents cited on the attached form PTO-1449 (modified) are enclosed unless otherwise indicated on the attached form PTO-1449 (modified). It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,

By:


Joseph Teja, Jr., Reg. No. 45,157
Wolf, Greenfield & Sacks, P.C.

600 Atlantic Avenue
Boston, MA 02210

Docket No. C01104/70095

Dated: April 23, 2002

Telephone (617) 720-3500

607589.1

APR 23 2007

FORM PTO-1449/A and B (Modified)				APPLICATION NO.: 09/989,677	ATTY. DOCKET NO.: C01104/70095
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				FILING DATE: 11/20/01	CONFIRMATION NO.: 9718
				APPLICANT: Kevin Dowling, et al.	
Sheet	1	of	1	GROUP ART UNIT: 2857	EXAMINER: Not Yet Assigned

U.S. PATENT DOCUMENTS

Examiner's Initials#	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of Issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		6,330,314	B1	Motooka	12/11/2001
		6,215,409 ✓	B1	Blach	04/10/2001
		5,975,728		Weyer	11/02/1999
		5,921,652		Parker et al.	07/13/1999
		2001/0006380	A1	Jeong	07/05/2001

FOREIGN PATENT DOCUMENTS

Examiner's Initials#	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			
		WO	01/53133	A1	AUTO-LIV DEVELOPMENT AB	07-26-2001	

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials#	Cite No.	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
		Co-pending U.S. Patent Application, Serial No. 09/989,747, filed November 20, 2001, Thor A. Lys, et al., "Packaged Information Systems"	
		Co-pending U.S. Patent Application, Serial No. 09/989,095, filed November 20, 2001, Thor A. Lys, et al., "Automotive Information Systems"	

EXAMINER	DATE CONSIDERED
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